

05-01-00

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A LEGAL PROFESSIONAL ASSOCIATION  
PATENT, TRADEMARK & COPYRIGHT PRACTICE  
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jc530 U.S. PTO  
09/560469  
04/28/00

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Established 1917

April 28, 2000  
Docket No. UNF-9058 A

**BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231**

Sir:

Transmitted herewith for filing under 35 U.S.C. §111(a) and 37 C.F.R. §1.53(b) is the following patent application.

Express Mail No.: EL493656897US

Inventors: Joseph A. FERNANDO, John D. TEN EYCK, and Thomas S. LACKI

Title: SUPPORT ELEMENT FOR FRAGILE STRUCTURES SUCH AS CATALYTIC CONVERTERS

The present application is a continuation-in-part of copending U.S. Serial No. 09/038,243, filed March 11, 1998.

Certificate of Express Mailing

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail - Label No. EL493656897US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Laura A. Rafn  
(type or print name of person signing paper)

Laura A. Rafn  
(signature of person mailing paper)

4-28-00  
(date)

The Assignee, Unifrax Corporation, is a small business concern as defined by Section 3 of the Small Business Act and by regulations established by the Small Business Administration and, thus, is entitled to claim Small Entity Status under 37 C.F.R. §1.9(d), for purposes of paying reduced fees. The Small Entity status of Unifrax Corporation is still proper and desired. A copy of the verified statement of small entity status, as filed in the prior copending application is transmitted herewith.

Enclosed:

Transmittal Letter with Certificate of Mailing and Authorization to Charge Deposit Account  
(2 pages-in duplicate)

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 page-in duplicate)

Print EFS Bibliographic Data Sheet (2 pages)

Combined Declaration and Power of Attorney (3 pages)

Specification

27 Pages of Description

8 Pages of Claims

1 Page of Abstract

8 Drawing Sheets

Copy of the Verified Statement of Small Entity Status from the prior copending application  
(2 pages)

Information Disclosure Statement (3 pages)

PTO Form 1449 (3 pages)

Copy of Response, Petition and Fee for Extension of Time filed in copending U.S. Serial No.  
09/038,243 (3 pages)

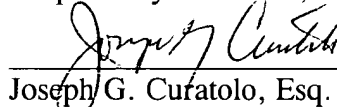
Check in the Amount of \$564.00

Return Receipt Postcard

Authorization to Charge Deposit Account

In the event a fee is applicable to the filing of these documents and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document(s) to Account No. 18-0987. This authorization is being submitted in duplicate.

Respectfully submitted,



Joseph G. Curatolo, Esq. (Reg. No. 28,837)

Renner, Kenner, Greive, Bobak, Taylor & Weber

24500 Center Ridge Road, Suite 280

Westlake, Ohio 44145

Telephone: (440) 808-0011

Attorney for Applicants

4-28-2000

Date

04/28/00  
jc714 U.S. PTO

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. UNF-9058 A  
First Inventor or Application Identifier Joseph A. FERNANDO  
Title Support Element for Fragile Structures Such as Catalytic Converters  
Express Mail Label No. EL493656897US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 36]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
4. Oath or Declaration [Total Pages 3]
  - a. ☒ Unexecuted ~~newly executed~~ (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☒ \* Small Entity Statement(s) ☒ Statement filed in prior application (PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Other: Print EFS Bibliographic Data Sheet, Check for \$453.00, Copy of Response filed in USSN 09/038,243

## 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09/038,243  
Prior application information: Examiner H. Tran Group / Art Unit: 1764

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Joseph G. Curatolo  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
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Country US Telephone (440) 808-0011 Fax (440) 808-0657

Name (Print/Type) Joseph G. Curatolo Registration No. (Attorney/Agent) 28,837  
Signature [Signature] Date 4-28-2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Approved for use through 9/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 1999</h2> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p>		<b>Complete if Known</b>													
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 564.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>New CIP Application</td> </tr> <tr> <td>Filing Date</td> <td>April 28, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Joseph A. FERNANDO</td> </tr> <tr> <td>Examiner Name</td> <td>H. Tran</td> </tr> <tr> <td>Group / Art Unit</td> <td>1764</td> </tr> <tr> <td>Attorney Docket No.</td> <td>UNF-9058 A</td> </tr> </table>		Application Number	New CIP Application	Filing Date	April 28, 2000	First Named Inventor	Joseph A. FERNANDO	Examiner Name	H. Tran	Group / Art Unit	1764	Attorney Docket No.	UNF-9058 A
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<h3 style="text-align: center; margin: 0;">METHOD OF PAYMENT (check one)</h3> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 18-0987</p> <p>Deposit Account Name: Renner, Kenner et al</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:  <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <h3 style="text-align: center; margin: 0;">FEE CALCULATION</h3> <div style="border: 1px solid black; padding: 5px;"> <h4>1. BASIC FILING FEE</h4> <table style="width: 100%; font-size: x-small;"> <thead> <tr> <th>Large Entity Code (\$)</th> <th>Small Entity Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101 760</td> <td>201 380</td> <td>Utility filing fee</td> <td>345.00</td> </tr> <tr> <td>106 310</td> <td>206 155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 480</td> <td>207 240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 760</td> <td>208 380</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150</td> <td>214 75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$ ) 345.00</b></td> </tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <h4>2. 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149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	0.00																																																																																																																																																																														
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Joseph G. Curatolo	Reg. Number	28,837
Signature		Date	4-28-2000
		Deposit Account User ID	

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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